

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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Application of Pacific Gas and Electric Company to Initiate Reasonableness Review of Merced Dairy Biomethane Pilot Project Costs.

Application No. 23-04-

(U 39 G)

APPLICATION OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 G) TO INITIATE REASONABLENESS REVIEW OF MERCED (ČEE) DAIRY BIOMETHANE PILOT PROJECT COSTS

JONATHAN D. PENDLETON

Pacific Gas and Electric Company 300 Lakeside Drive Oakland, CA 94612 Telephone: (415) 971-8064

Jonathan.Pendleton@pge.com E-Mail:

Attorney for

Dated: April 5, 2023 PACIFÍC GAS AND ELECTRIC COMPANY

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I. INTRODUCTION

By this Application to Initiate Reasonableness Review of Merced (CEE) Dairy Biomethane Pilot Project (Application), pursuant to Rules 2.1 and 3.2 of the Rules of Practice and Procedure of the California Public Utilities Commission (Commission or CPUC) and CPUC Decision (D.) 17-12-004, Pacific Gas and Electric Company (PG&E) requests (a) that the Commission conduct a reasonableness review of the Merced (CEE) Dairy Biomethane Pilot Project's (Project) costs incurred over the bid amount approved by the CPUC's dairy biomethane pilot project Selection Committee, and (b) authorize PG&E to reimburse the Project developer for those costs above the approved bid amount determined to be reasonable. PG&E does not seek recovery of any utility-owned infrastructure costs related to the Project in this Application.

II. SUMMARY OF APPLICATION

A. Background and Status of the Merced (CEE) Dairy Biomethane Pilot Project.

As is further detailed in the testimony supporting this Application, on June 15, 2017, the Commission opened an Order Instituting Rulemaking to implement the provisions of Senate Bill (SB) 1383² requiring the Commission to direct gas corporations to implement not less than

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D.17-12-004, Decision Establishing Implementation and Selection Framework to Implement the Dairy Biomethane Pilots required by SB 1383.

² Lara, Stats. 2016, Ch. 395.

five dairy biomethane pilot projects to demonstrate interconnection to the common carrier pipeline system and allow for rate recovery of reasonable infrastructure costs.³ The scope of the Rulemaking included establishing a pilot selection process, defining eligible infrastructure, adopting a cost recovery framework and providing for data gathering to support evaluation of the pilots. For the selection process, the Commission established a Selection Committee comprised of representatives from the CPUC, the California Air Resources Board and the California Department of Food and Agriculture to oversee pilot project selection.

Following issuance of D.17-12-004, the Selection Committee selected two proposed dairy biomethane pilot projects located in PG&E's service territory as part of its "Solicitation for SB 1383 Dairy Pilot Projects," including the Project, and approved as per se reasonable the cost estimates provided for the selected projects.⁴

On January 28, 2019, PG&E filed Advice 4049-G-A to establish Preliminary Statement Part EG – Dairy Biomethane Pilot Balancing Account (DBPBA) and Preliminary Statement Part EH – Dairy Biomethane Pilot Memorandum Account (DBPMA), including amounts approved for recovery under PG&E's SB 1383 Dairy Biomethane Pilot Program. Attachment A included a summary of costs and associated revenue requirement for each pilot in PG&E's service territory. For the Project, the Installed Cost subject to balancing account treatment was \$10,183,855. This amount established the total reimbursable amount paid to be remitted to the project developer subject to meeting approved project milestones and review of project invoices submitted to PG&E for reimbursement.

On April 30, 2019, the Project was one of two contracts approved by the Commission through PG&E's Advice 4065-G, *Request for Approval of Selected Dairy Pilot Biomethane*

R.17-06-015, Order Instituting Rulemaking to Implement Dairy Biomethane Pilot Projects to Demonstrate Interconnection to the Common Carrier Pipeline System in Compliance with Senate Bill 1383 (June 27, 2017), p. 1.

The other dairy biomethane pilot project in PG&E's service territory that was selected, to be developed by Weststeyn DVO, Inc., is currently under development.

Advice Letter 4049-G-A, approved February 14, 2019, https://www.pge.com/tariffs/assets/pdf/adviceletter/GAS 4049-G-A.pdf (as of Mar. 30, 2023).

Project Contracts and Waiver of Certain Tariff Conditions.

Engineering for the Project commenced in 2019 with construction occurring during the 2019 and 2020 timeframe. The first renewable natural gas (RNG) gas flows occurred in December 2021. Development continued through 2021 and into 2022 building out gathering lines to connect additional dairies, with the last eligible interconnection costs attributable to a reimbursable cost category being concluded in September 2022.

B. Request to Initiate CPUC Reasonableness Review

For costs incurred by a Dairy Pilot project developer above the bid amount approved by the Selection Committee, the Commission provided the following guidance in D.17-12-004:

To ensure only reasonable and verified costs of pipeline infrastructure developed pursuant to the Dairy Pilots are collected from ratepayers, biomethane producer-owned pipeline infrastructure costs should be recorded in a balancing account and costs above the bid amount should be subject to reasonableness review.⁶

As D.17-12-004 does not specify the process for initiating a reasonableness review of costs incurred by a Dairy Pilot project developer above the bid amount approved by the Selection Committee, and as the Commission's Rulemaking to Implement Dairy Pilot Projects (R.17-06-0150 was closed with the issuance of D.17-12-004, PG&E consulted with the Commission's Legal and Energy Divisions and received direction to file an Application requesting a reasonableness review of the project developer's costs.

C. Summary of Costs Incurred by the Dairy Pilot Project Developer Above the Original Bid Amount.

Chapter 2 of the testimony in support of this Application is sponsored by Daryl Maas, Chief Executive Officer, Maas Energy Works (MEW), and provides an overview of the budget estimation process used by MEW to develop its initial bid submitted to the Selection Committee and a description of the factors that resulted in costs incurred of approximately \$8.618 million

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⁶ D.17-12-004, p. 22, Conclusion of Law 11.

over the bid amount.

III. ORGANIZATION OF SUPPORTING TESTIMONY

Concurrent with the filing of this Application, PG&E is serving supporting Prepared Testimony to initiate and enable the reasonableness review described above. The supporting Prepared Testimony is organized as follows:

Chapter 1 – Introduction and Overview (PG&E Testimony)

Chapter 2 – Merced (CEE) Dairy Biomethane Pilot Project (Maas Energy Works Testimony)

Chapter 3 – Cost Recovery Proposal (PG&E Testimony)

This Prepared Testimony demonstrates why PG&E's Application to initiate a reasonableness review is reasonable and should be approved.

IV. SUMMARY OF RELIEF AND AUTHORITY SOUGHT

In this Application, PG&E requests that the Commission conduct a reasonableness review of the Merced (CEE) Dairy Biomethane Pilot Project costs above the bid amount approved by the Selection Committee.

Further, PG&E requests that the Commission authorize PG&E to reimburse the Project developer for those costs above the approved bid amount determined to be reasonable, as detailed in Chapter 2 and rate recovery as detailed Chapter 3 of PG&E's supporting testimony.

V. STATUTORY AND PROCEDURAL REQUIREMENTS

PG&E files this Application pursuant to Sections 451 and 454 of the Public Utilities Code.

VI. LEGAL NAME AND PRINCIPAL PLACE OF BUSINESS (RULE 2.1(A))

The legal name of the Applicant is Pacific Gas and Electric Company. PG&E's principal place of business is 300 Lakeside Drive, Oakland, California 94612. PG&E is duly organized under the State of California.

VII. CORRESPONDENCE, COMMUNICATIONS, AND SERVICE (RULE 2.1(B))

All correspondence, communications, and service of papers regarding this Application should be directed to:

Jonathan D. Pendleton
Pacific Gas and Electric Company
300 Lakeside Drive
Oakland, CA 94612
Telephores (415) 071,8064

Telephone: (415) 971-8064 E-mail: Jonathan.Pendleton@pge.com Eileen Cotroneo
Pacific Gas and Electric Company
300 Lakeside Drive
Oakland, CA 94612
Telephone: (415) 260-0555
E-mail: Eileen.Cotroneo@pge.com

VIII. PROPOSED CATEGORIZATION AND NEED FOR HEARINGS (RULE 2.1(C))

PG&E proposes that this Application be categorized as a ratesetting proceeding.

IX. NEED FOR HEARINGS (RULE 2.1(C))

PG&E anticipates that evidentiary hearings may be requested by other parties to this proceeding, but the need for evidentiary hearings will depend on the degree to which and grounds on which other parties might contest the reasonableness of the costs by the Project above the bid amount approved by the Selection Committee. PG&E hopes to resolve the issues raised in this Application without hearings, such as through more informal procedures, including discovery.

X. ISSUES TO BE CONSIDERED (RULE 2.1(C))

The principal issue presented in this Application is whether the Commission should determine as reasonable, supported by facts and in the public interest, in compliance with the requirements of the Public Utilities Code and Commission decisions, orders, and resolutions.

XI. RELEVANT SAFETY CONSIDERATIONS (RULE 2.1(C))

In D.16-01-017, the Commission amended Rule 2.1(c) requiring an applicant to identify all relevant safety considerations implicated by an Application to which the assigned Commissioners and presiding officer could refer to during the proceeding. As demonstrated in this Application and the prepared testimony, PG&E's proposals in this proceeding are solely related to its request to initiate a reasonableness review of the Merced (CEE) Dairy Biomethane

Pilot Project costs above the bid amount approved by the Selection Committee, and to authorize PG&E to reimburse the Project developer for those costs above the approved bid amount determined to be reasonable. The project costs at issue have already occurred and do not raise any safety-related issues.

XII. PROCEDURAL SCHEDULE (RULE 2.1(C))

PG&E proposes the following procedural schedule for this Application:

Activity	Date
PG&E files Application	April 5, 2023
Protests and Responses filed and served	30 days after Daily Calendar Notice
Reply filed and served	10 days after Protests and Responses
Prehearing Conference	June 7, 2023
Intervenor Reply Testimony	August 10, 2023
PG&E Rebuttal Testimony	September 7, 2023
Motion for Hearings	September 21, 2023
Evidentiary Hearings, if needed	Week of October 23, 2023
Concurrent Opening Briefs (if no evidentiary hearings held)	October 3, 2023
Concurrent Opening Briefs (if evidentiary hearings held)	November 15, 2023
Concurrent Reply Briefs (if no evidentiary hearings held)	October 30, 2023
Concurrent Reply Briefs (if evidentiary hearings held)	December 15, 2023
Proposed Decision	90 days after case submitted

XIII. ARTICLES OF INCORPORATION (RULE 2.2)

PG&E is, and since October 10, 1905, has been, an operating public utility corporation organized under California law. It is engaged principally in the business of furnishing electric and gas services in California. A certified copy of PG&E's Amended and Restated Articles of

Incorporation, effective June 22, 2020, was filed with the Commission on July 1, 2020, with PG&E's Application 20-07-002. These articles are incorporated herein by reference pursuant to Rule 2.2 of the Commission's Rules.

XIV. BALANCE SHEET AND INCOME STATEMENT (RULE 3.2(A)(1))

PG&E's most recent balance sheet and income statement are attached as Attachment A.

XV. STATEMENT OF PRESENTLY EFFECTIVE RATES (RULE 3.2(A)(2))

PG&E's presently effective gas rates are attached as Attachment B.

XVI. STATEMENT OF PROPOSED CHANGES AND RESULTS OF OPERATION AT PROPOSED RATES (RULE 3.2(A)(3))

Approval of this Application would increase gas rates for distribution customers by less than one percent; therefore, a statement setting forth PG&E's proposed increases or changes to gas rates is not needed.

XVII. GENERAL DESCRIPTION OF PG&E'S PROPERTY AND EQUIPMENT (RULE 3.2(A)(4))

Because this submittal is not a general rate application, this requirement is not applicable.

XVIII. SUMMARY OF EARNINGS (RULE 3.2(A)(5) AND (6))

A summary of recorded year 2021 revenues, expenses, rate bases, and rate of return for PG&E's Electric and Gas departments was filed with the Commission on July 22, 2022, in A.21-06-021 and is incorporated herein by reference.

XIX. STATEMENT OF ELECTION METHOD OF COMPUTING DEPRECIATION DEDUCTION FOR FEDERAL INCOME TAX (RULE 3.2(A)(7))

Because this submittal is not a general rate application, this requirement is not applicable.

XX. MOST RECENT PROXY STATEMENT (RULE 3.2(A)(8))

Because this submittal is not a general rate application, this requirement is not applicable.

XXI. TYPE OF RATE CHANGE REQUESTED (RULE 3.2(A)(10))

Results of operations at proposed rates are not required because the proposed rates do not

exceed one percent.

XXII. SERVICE AND NOTICE OF APPLICATION (RULES 3.2(B-E))

PG&E is serving this Application and its Prepared Testimony on the service lists in R.17-06-015 (Dairy Biomethane Rulemaking) and R.13-02-008 (Order Instituting Rulemaking Into Biomethane Issues, Pipeline Open Access, and Related Enforcement Provisions).

PG&E will mail or send electronically a notice stating in general terms the proposed revenues, rate changes, and ratemaking mechanisms requested in this Application to parties listed in Attachment C, including the State of California and cities and counties served by PG&E.

Within twenty days of filing this Application, PG&E will publish in newspapers of general circulation in each county in its service territory a notice of filing.

Within 45 days of filing this Application, PG&E will include notices with the regular bills mailed or emailed to all customers affected by the proposed changes. Within twenty days of completion of mailing, PG&E will file proof of compliance pursuant to Rule 3.2(e).

XXIII. CONCLUSION AND REQUEST FOR COMMISSION ORDERS

PG&E respectfully requests that the Commission issue appropriate orders pursuant to Sections 451 and 454 of the Public Utilities Code:

- A. Approving PG&E's Application to initiate a reasonableness review of the Merced (CEE) Dairy Biomethane Pilot Project costs above the bid amount approved by the Selection Committee;
- B. Authorizing PG&E to reimburse the Merced (CEE) Dairy Biomethane Pilot Project developer for those costs above the approved bid amount determined to be reasonable;
 - C. Authorize PG&E's cost recovery proposal; and
 - D. Granting such additional relief the Commission deems appropriate.

Respectfully Submitted,

By: /s/ Jonathan D. Pendleton
JONATHAN D. PENDLETON

Pacific Gas and Electric Company 300 Lakeside Drive Oakland, CA 94612

Telephone: (415) 971-8064 E-Mail: Jonathan.Pendleton@pge.com

Attorney for PACIFIC GAS AND ELECTRIC COMPANY

Dated: April 5, 2023

VERIFICATION

I, the undersigned, say:

I am an officer of Pacific Gas and Electric Company, a corporation, and am authorized, pursuant to Rule 2.1 and Rule 1.11 of the Rules of Practice and Procedure of the CPUC, to make this Verification for an on behalf of said Corporation, and I make this Verification for that reason. I have read the foregoing Application, and I am informed and believe that the matters therein concerning Pacific Gas and Electric Company are true.

I declare under penalty of perjury under the laws of the State of California that theforegoing is true and correct to the best of my knowledge.

Executed on April 4, 2023, at Oakland, California.

By: Christine Cowsert
Christine Cowsert

Senior Vice President, Gas Engineering

PACIFIC GAS AND ELECTRIC COMPANY ATTACHMENT A

PACIFIC GAS AND ELECTRIC COMPANY CONSOLIDATED STATEMENTS OF INCOME (in millions)

	Year ended December 31,					
		2022				2020
Operating Revenues						
Electric	\$	15,060	\$	15,131	\$	13,858
Natural gas		6,620		5,511		4,611
Total operating revenues		21,680		20,642		18,469
Operating Expenses						
Cost of electricity		2,756		3,232		3,116
Cost of natural gas		2,100		1,149		782
Operating and maintenance		9,725		10,194		8,707
SB 901 securitization charges, net		608				_
Wildfire-related claims, net of recoveries		237		258		251
Wildfire Fund expense		477		517		413
Depreciation, amortization, and decommissioning		3,856		3,403		3,469
Total operating expenses		19,759		18,753		16,738
Operating Income		1,921		1,889		1,731
Interest income		162		22		39
Interest expense		(1,658)		(1,373)		(1,111)
Other income, net		595		512		470
Reorganization items, net				(12)		(310)
Income Before Income Taxes		1,020		1,038		819
Income tax provision (benefit)		(1,206)		900		408
Net Income		2,226		138		411
Preferred stock dividend requirement		14		14		14
Income Attributable to Common Stock	\$	2,212	\$	124	\$	397

PACIFIC GAS AND ELECTRIC COMPANY CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (in millions)

	Year ended December 31,						
	2022 2021			2021	2020		
Net Income	\$	2,226	\$	138	\$	411	
Other Comprehensive Income (Loss)							
Pension and other postretirement benefit plans obligations (net of taxes of \$2, \$1, and \$2, at respective dates)		6		(4)		(6)	
Net unrealized losses on available-for-sale securities (net of taxes of \$3, \$0, and \$0, respectively)		(5)		_		_	
Total other comprehensive income (loss)		1		(4)		(6)	
Comprehensive Income		2,227	\$	134	\$	405	

PACIFIC GAS AND ELECTRIC COMPANY CONSOLIDATED BALANCE SHEETS (in millions)

(in millions)	Balance At December			nber 31,
		2022		2021
ASSETS				
Current Assets				
Cash and cash equivalents Restricted cash (includes \$201 million and \$4 million related to VIEs at respective dates)	\$	609 213	\$	165 16
Accounts receivable		_		
Customers (net of allowance for doubtful accounts of \$166 million and \$171 million at respective dates) (includes \$2.47 billion and \$2.06 billion related to VIEs, net of allowance for doubtful accounts of \$166 million and \$171 million at respective dates)	1	2,645		2,345
Accrued unbilled revenue (includes \$1.16 billion and \$1.09 billion related to VIEs a respective dates)	ıt	1,304		1,207
Regulatory balancing accounts		3,264		2,999
Other		1,633		1,932
Regulatory assets		296		496
Inventories				
Gas stored underground and fuel oil		91		44
Materials and supplies		751		552
Wildfire Fund asset		460		461
Other		1,421		869
Total current assets		12,687		11,086
Property, Plant, and Equipment				
Electric		74,772		69,482
Gas		28,226		25,979
Construction work in progress		4,137		3,480
Financing lease		18		18
Total property, plant, and equipment		107,153		98,959
Accumulated depreciation		(30,946)		(29,131)
Net property, plant, and equipment		76,207		69,828
Other Noncurrent Assets				
Regulatory assets		16,443		9,207
Customer credit trust		745		_
Nuclear decommissioning trusts		3,297		3,798
Operating lease right of use asset		1,311		1,232
Wildfire Fund asset		4,847		5,313
Income taxes receivable		7		7
Other (includes noncurrent accounts receivable of \$17 million and \$187 million related to VIEs, net of noncurrent allowance for doubtful accounts of \$1 million and \$15 million at respective dates)	i	2,834		2,706
minor at respective dates;			_	
Total other noncurrent assets		29,484		22,263

PACIFIC GAS AND ELECTRIC COMPANY CONSOLIDATED BALANCE SHEETS

(in millions, except share amounts)

	Balance At December			nber 31,
		2022		2021
LIABILITIES AND SHAREHOLDERS' EQUITY				
Current Liabilities				
Short-term borrowings	\$	2,055	\$	2,184
Long-term debt, classified as current (includes \$168 million and \$18 million related to VIEs at respective dates)		2,241		4,455
Accounts payable				
Trade creditors		2,886		2,853
Regulatory balancing accounts		1,658		1,121
Other		747		648
Operating lease liabilities		231		467
Interest payable (includes \$116 million and \$3 million related to VIEs at respective dates)		573		430
Wildfire-related claims		1,912		2,722
Other		3,067		2,430
Total current liabilities		15,370		17,310
Noncurrent Liabilities				
Long-term debt (includes \$10.31 billion and \$1.82 billion related to VIEs at respective dates)		43,155		33,632
Regulatory liabilities		17,630		11,999
Pension and other postretirement benefits		160		764
Asset retirement obligations		5,912		5,298
Deferred income taxes		3,090		3,409
Operating lease liabilities		1,243		810
Other		4,334		4,345
Total noncurrent liabilities		75,524		60,257
Shareholders' Equity				
Preferred stock		258		258
Common stock, \$5 par value, authorized 800,000,000 shares; 264,374,809 shares outstanding at respective dates		1,322		1,322
Additional paid-in capital		29,280		28,286
Reinvested earnings		(3,368)		(4,247
Accumulated other comprehensive loss		(8)		(9
Total shareholders' equity		27,484		25,610
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$	118,378	<u>\$</u>	103,177

PACIFIC GAS AND ELECTRIC COMPANY ATTACHMENT B

PACIFIC GAS AND ELECTRIC COMPANY COMPARISON OF GAS TRANSPORTATION RATES

						i
		Average Rate		% Chg from	Average Rate	% Chg from
te Schedules	08/01/2022 (2)	No PPP	01/01/2023 (1)	August 1, 2022	No PPP	August 1, 2022
Comparison of Gas Accord Tariffs - Cu		s - effectiv			E RATES	
Schedule G-AA Path	1/1/2021 (2) Usage Rate		1/1/2022 (1) Usage Rate	% Chg From 1/1/21		% Chg From 1/1/21
Redwood to On-System (Per Dth)	\$0.8753		\$0.9022	3.07%		
Baja to On-System (Per Dth) Silverado to On-System (Per Dth)	\$1.0793 \$0.6878		\$1.1182 \$0.7103	3.60% 3.27%		
Mission to On-System (Per Dth)	\$0.0000		\$0.0000	0.00%		
Schedule G-AAOFF						
Path Redwood to Off-System (Per Dth)	Usage Rate \$0.8753		Usage Rate	3.07%		
Baja to Off-System (Per Dth)	\$1.0793		\$0.9022 \$1.1182	3.60%		
Silverado to Off-System (Per Dth)	\$0.8753		\$0.9022	3.07%		
Mission to Off-System (Per Dth) Mission to Off-System Storage Withdrawls (Per Dth)	\$0.8753 \$0.0000		\$0.9022 \$0.0000	3.07% 0.00%		
Schedule G-AFT	Reservati	on Pate		Reservat	ion Pate	
ath	MFV Rates	SFV Rates	MFV Rates	116361 Val	SFV Rates	
Redwood to On-System (Per Dth)	\$16.3309	\$22.0809	\$16.7183	2.37%	\$22.7597	3.07%
Redwood to On-System Core Procurement Groups Only (Per Dth) Baja to On-System (Per Dth)	\$15.0130 \$20.1370	\$20.8302 \$27.2272	\$15.4990 \$20.7209	3.24% 2.90%	\$21.7537 \$28.2087	4.43% 3.60%
aja to On-System Core Procurement Groups Only (Per Dth)	\$0.0000	\$0.0000	\$0.0000	0.00%	\$0.0000	0.00%
ilverado to On-System (Per Dth)	\$12.6452	\$17.3534	\$12.9629	2.51% 2.51%	\$17.9215	
ssion to On-System (Per Dth)	\$12.6452	\$17.3534	\$12.9629		\$17.9215	3.27%
h	Usage MFV Rates	Rate SFV Rates	MFV Rates	Usage	Rate SFV Rates	
ath edwood to On-System (Per Dth)	\$0.1925	\$0.0035	\$0.2022	5.03%	\$0.0036	3.04%
edwood to On-System Core Procurement Groups Only (Per Dth)	\$0.1939	\$0.0027	\$0.2084	7.47%	\$0.0028	
aja to On-System (Per Dth) aja to On-System Core Procurement Groups Only (Per Dth)	\$0.2374 \$0.0000	\$0.0043 \$0.0000	\$0.2506 \$0.0000	5.57% 0.00%	\$0.0044 \$0.0000	
ilverado to On-System (Per Dth)	\$0.1574	\$0.0026	\$0.1657	5.28%	\$0.0027	3.06%
ssion to On-System (Per Dth)	\$0.1574	\$0.0026	\$0.1657	5.28%	\$0.0027	3.06%
ssion to On-System Storage Withdrawls (Conversion ion from Firm ON-System Rewood or Baja Path only)	\$0.0000	\$0.0000	\$0.0000	0.00%	\$0.0000	0.00%
hedule G-AFTOFF	Reservati	on Pate		Reservat	ion Pate	
ath	MFV Rates	SFV Rates	MFV Rates	Keseival	SFV Rates	
edwood to Off-System (Per Dth)	\$16.3309	\$22.0809	\$16.7183	2.37%	\$22.7597	3.07%
ija to Off-System (Per Dth) verado to Off-System (Per Dth)	\$20.1370 \$16.3309	\$27.2272 \$22.0809	\$20.7209 \$16.7183	2.90%	\$28.2087 \$22.7597	3.60% 3.07%
sion to Off-System (Per Dth)	\$16.3309	\$22.0809	\$16.7183	2.37%	\$22.7597	3.07%
	Usage	Rate		Usage	Rate	
ath	MFV Rates	SFV Rates	MFV Rates		SFV Rates	
ledwood to Off-System (Per Dth) Baja to Off-System (Per Dth)	\$0.1925 \$0.2374	\$0.0035 \$0.0043	\$0.2022 \$0.2506	5.03% 5.57%	\$0.0036 \$0.0044	3.04% 3.57%
verado to Off-System (Per Dth)	\$0.2374	\$0.0045	\$0.2022	5.03%	\$0.0044	
ssion to Off-System (Per Dth)	\$0.1925	\$0.0035	\$0.2022	5.03%	\$0.0036	3.04%
nedule G-BAL f-Balancing Credit Paragraph Section	\$0.0360		\$0.0368	2.22%		
chedule G-CFS						
servation Charge per Dth per month	\$0.4392		\$0.4417	0.57%		
hedule G-LEND						
inumum Rate (per transaction)	\$57.00		\$57.00	0.00%		
aximum Rate (per Dth per day)	\$1.1650		\$1.1650	0.00%		
hedule G-NAS						
jection Maximum Rates (Per Dth/Day) 'ithdrawl Maximum Rates (Per Dth/Day)	\$5.7236 \$26.1629		\$5.7236 \$26.1629	0.00%		
	920.1027		\$20.1029	0.0076		
chedule G-NFS ejection Maximum Rates (Per Dth/Day)	\$5.7236		\$5.7236	0.00%		
ventory (Per Dth)	\$3.5541		\$3.5541	0.00%		
ithdrawl Maximum Rates (Per Dth/Day)	\$26.1629		\$26.1629	0.00%		
hedule G-PARK						
linumum Rate (per transaction)	\$57.00		\$57.0000	0.00%		
Iaximum Rate (per Dth per day)	\$1.1650		\$1.1650	0.00%		
chedule G-SFS (5) eservation Charge per Dth per month	\$0.0000		\$0.0000	0.00%		
chedule G-SFT						
d.	Reservati		MEN D.A.	Reservat		
th edwood to On-System (Per Dth)	MFV Rates \$19.59708	SFV Rates \$26.49712	MFV Rates \$20.0620	2.37%	SFV Rates \$27.3116	3.07%
aja to On-System (Per Dth)	\$24.16444	\$32.67264	\$24.8651	2.90%	\$33.8504	3.60%
aja to On-System Core Procurement Groups Only (Per Dth) ilverado to On-System (Per Dth)	\$22.47025 \$15.17418	\$31.17699 \$20.82408	\$23.2616 \$15.5555	3.52% 2.51%	\$32.6488 \$21.5059	4.72% 3.27%
ission to On-System (Per Dth)	\$15.17418 \$15.17418	\$20.82408 \$20.82408	\$15.5555 \$15.5555	2.51%	\$21.5059 \$21.5059	
	Usage	Rate		Usage	Rate	
h	MFV Rates	SFV Rates	MFV Rates		SFV Rates	
dwood to On-System (Per Dth)	\$0.2310 \$0.2848	\$0.0042 \$0.0051	\$0.2426 \$0.3007	5.03% 5.57%	\$0.0043 \$0.0053	3.04% 3.57%
ija to On-System (Per Dth) ija to On-System Core Procurement Groups Only (Per Dth)	\$0.2848 \$0.2903	\$0.0051 \$0.0040	\$0.3007 \$0.3128	5.57% 7.77%	\$0.0053 \$0.0042	
Silverado to On-System (Per Dth)	\$0.1889	\$0.0031	\$0.1989	5.28%	\$0.0032	3.06%
Mission to On-System (Per Dth)	\$0.1889	\$0.0031	\$0.1989	5.28%	\$0.0032	3.06%
chedule G-XF						
FV Reservation Rates (Per Dth Per Month) FV Usage Rates Rates (Per Dth)	5.6163 0.0002		\$5.7262 \$0.0002	1.96% 1.96%		
	0.0002		30.0002	1.,070		

- Notes:

 1) Rates are based on 1/1/2022 Noncore, AL 4543-G for noncore tariffs and AL 4542-G for core tariffs.

 2) Rates are based on 1/1/2021 AGT, AL 4348-G for noncore tariffs and AL 4347-G for core tariffs.

 5) Service no longer offered under adopted NGSS, however, previous January 2020 rate of \$0.3930 still shown on Tariff until the seven-year step-down period is adopted.

PACIFIC GAS AND ELECTRIC COMPANY COMPARISON OF GAS TRANSPORTATION RATES

			1			1				
		Average Rate		% Chg from	Average Rate	% Chg from				
Rate Schedules	08/01/2022 (2)	No PPP	01/01/2023 (1)	August 1, 2022	No PPP	August 1, 2022				
Comparison of Core Schedules:										
Residential (G-1, GM, GS, GT)										
Transportation Charge (\$/Therm] Tier 1	\$1.36083	\$1.54620	\$1,30594	-4.03%	\$1.46104	-5.5% Avg. Summer (Apr-Oct)				
Tier 2	\$1.82882	\$1.51835	\$1.69374	-7.39%	\$1.43762	-5.3% Avg. Winter (Jan-Mar, Nov-Dec				
Average Rate from RTP		\$1.52823			\$1.44593	-5.4% Avg. Annua				
California Natural Gas Climate Credit ^{3/}	(\$47.83)		(\$52.78)							
Greenhouse Gas Compliance Cost ^{4/}	\$0.10235		\$0.11886							
Residential Natural Gas Vehicle (G1-NGV)										
Customer Charge	\$0.41425		\$0.41425	0.00%						
Transportation Charge (\$/therm) implemented 2/1/06	\$0.92055		\$0.85392	-7.24%						
California Natural Gas Climate Credit ³ Greenhouse Gas Compliance Cost ⁴	(\$47.83) \$0.10235		(\$52.78) \$0.11886							
•	******									
Small Commercial (G-NR1)	\$0.27048		\$0.27048	0.00%						
Customer Charge 0 - 5.0 therms (\$/day) Customer Charge 5.1 - 16.0 therms (\$/day)	\$0.27048 \$0.52106		\$0.27048 \$0.52106	0.00%						
Customer Charge 16.1 - 41.0 therms (\$/day)	\$0.95482		\$0.95482	0.00%						
Customer Charge 41.1 - 123.0 therms (\$/day)	\$1.66489		\$1.66489	0.00%						
Customer Charge >123.1 therms (\$/day)	\$2.14936		\$2.14936	0.00%						
Transportation Charge (\$/Therm)			_							
Summer (1st 4,000)	\$0.93090	\$0.95948	\$0.87745	-5.74%	\$0.90943	-5.2% Avg. Summer				
Summer (Excess) Winter (1st 4,000)	\$0.58273 \$1.09498	\$1,07006	\$0.55376 \$1.02668	-4.97% -6.24%	\$1.00690	-5.9% Avg. Winter				
Winter (Excess)	\$0.68545	31.07000	\$0.64794	-5.47%	\$1.00070	5.5% Avg. Willed				
		\$1.02123			\$0.96386	-5.6% Avg. Annua				
Greenhouse Gas Compliance Cost ^{4/}	\$0.10235		\$0.11886							
Large Commercial (G-NR2) Customer Charge (\$/Day)	\$4.95518		\$4.95518	0.00%						
Transportation Charge (\$/Therm] Summer (1st 4,000)	\$0.93090	\$0.62054	\$0.87745	-5.74%	\$0.58920	-5.1% Avg. Summer				
Summer (Excess)	\$0.58273	30.02034	\$0.55376	-4.97%	30.36920	-5.1% Avg. Summer				
Winter (1st 4,000)	\$1.09498	\$0.72713	\$1.02668	-6.24%	\$0.68679	-5.5% Avg. Winter				
Winter (Excess)	\$0.68545		\$0.64794	-5.47%		•				
		\$0.66634]		\$0.63113	-5.3% Avg. Annua				
Greenhouse Gas Compliance Cost ⁴⁷	\$0.10235		\$0.11886			•				
Residential Transport-Only (G-CT)										
Transportation Charge (\$/Therm) Tier 1	\$1.36083		\$1.30594	-4.03%						
Tier 2	\$1.82882		\$1.69374	-7.39%						
California Natural Gas Climate Credit ^{3/}	(\$47.83)		(\$52.78)							
Greenhouse Gas Compliance Cost ^{4/}	\$0.10235		\$0.11886							
Small Commercial Transport-Only (G-CT)										
Transportation Charge (\$/Therm)										
Summer (1st 4,000)	\$0.93090 \$0.58273		\$0.87745 \$0.55376	-5.74% -4.97%						
Summer (Excess) Winter (1st 4,000)	\$0.58273 \$1.09498		\$0.55376 \$1.02668	-4.97% -6.24%						
Winter (Excess)	\$0.68545		\$0.64794	-5.47%						
Greenhouse Gas Compliance Cost ⁴	\$0.10235		\$0.11886							
Large Commercial Transport-Only (G-CT)										
Transportation Charge (\$/Therm)										
Summer (1st 4,000) Summer (Excess)	\$0.93090 \$0.58273		\$0.87745 \$0.55376	-5.74% -4.97%						
Summer (Excess) Winter (1st 4,000)	\$0.58273 \$1.09498		\$0.55376 \$1.02668	-4.97% -6.24%						
Winter (Excess)	\$0.68545		\$0.64794	-5.47%						
Greenhouse Gas Compliance Cost ^{4/}	\$0.10235		\$0.11886							
Natural Gas Vehicle - Uncompressed (G-NGV1)										
Customer Charge (\$/Day)	\$0.44121		\$0.44121	0.00%						
Transportation Charge (\$/Therm)	\$0.66357	\$0.66452	\$0.63230	-4.71%	\$0.63325	-4.7%				
Greenhouse Gas Compliance Cost ^{4/}	\$0.10235	30.00432	\$0.11886	-4.7170	30.03323	-1.770				
Natural Gas Vehicle - Compressed (G-NGV2)										
Customer Charge (\$/Day)	\$0.00		\$0.00	0.00%						
Transportation Charge (\$/Therm)	\$2.24323	\$2.24323	\$2.23551	-0.34%	\$2.23551	-0.3%				
Greenhouse Gas Compliance Cost ⁴	\$0.10235		\$0.11886							
G-PPP CORE CUSTOMERS										
Residential Non-Care	\$0.10346		\$0.11055	6.85%						
Residentail CARE Small Commercial	\$0.06215 \$0.06237		\$0.06438 \$0.08484	3.59% 36.03%						
Large Commercial	\$0.05611		\$0.07267	29.51%						
Natural Gas Vehicle	\$0.04380		\$0.04866	11.10%						

- Notes:

 1) Rates are based on 1/1/2023 Advice Letter 4693-G for noncore tariffs and Advice Letter 4692-G for core tariffs.

- 1) Rates are desict on 17/20-2 Advice Letter 4639-G for noncore tariffs and Advice Letter 4638-G for core tariffs.

 2) Rates are based on 81/2022 Advice Letter 4639-G for noncore tariffs and Advice Letter 4638-G for core tariffs.

 3) Residential Annual Credit in April bill cycle.

 4) Covered Entities (i.e., customers that currently have a direct obligation to pay for allowances directly to the Air Resources Board for their Greenhouse Gas (GHG) emissions) will see a line item credit on their bill equal to \$0.11886 per therm times their monthly billed volumes.

PACIFIC GAS AND ELECTRIC COMPANY COMPARISON OF GAS TRANSPORTATION RATES

				0/ Ch = 6		0/ Ch = 6
Rate Schedules	08/01/2022 (2)	Average Rate No PPP	01/01/2023 (1)	% Chg from August 1, 2022	Average Rate No PPP	% Chg from August 1, 2022
	Con	nparison o	f Noncore Sch	edules	•	
		•				
Industrial (G-NT)						
Customer Access Charge (\$/Day)	60.04553		00.04553	0.00/		
0 to 5,000 therms 5,001 to 10,000 therms	\$0.94553 \$2.81688		\$0.94553 \$2.81688	0.0%		
10,001 to 50,000 therms	\$5.24318		\$5.24318	0.0%		
50,001 to 200,000 therms	\$6.88110		\$6.88110	0.0%		
200,001 to 1,000,000 therms 1,000,001 therms and above	\$9.98367 \$84.68745		\$9.98367 \$84.68745	0.0%		
Transportation Charge (\$/Therm] Backbone	0.14367	\$0.14446	0.12353	-14.02%	\$0.12432	-13.9%
Backbone	0.14307	30.14440	0.12333	-14.0276	30.12432	-13.976
Transmission	\$0.27813	\$0.27885	\$0.26752	-3.81%	\$0.26823	-3.8%
Distribution (Summer) Tier	\$0.62755	\$0.53746	\$0.60810	-3.10%	\$0.51990	-3.3%
Distribution (Summer) Tier 2	\$0.50636	90.55710	\$0.49076	-3.08%	\$0.51770	3.370
Distribution (Summer) Tier 3	\$0.48178		\$0.46707	-3.05%		
Distribution (Summer) Tier 4	\$0.46285 \$0.27813		\$0.44870 \$0.26752	-3.06% -3.81%		
Distribution (Summer) Tier 5	30.27813		\$0.26752	-3.8170		
Distribution (Winter) Tier 1	\$0.74435		\$0.72118	-3.11%		
Distribution (Winter) Tier 2	\$0.58076		\$0.56278	-3.10%		
Distribution (Winter) Tier 3 Distribution (Winter) Tier 4	\$0.54758 \$0.52202		\$0.53080 \$0.50600	-3.06% -3.07%		
Distribution (Winter) Tier 5	\$0.27813		\$0.26752	-3.81%		
Greenhouse Gas Compliance Cost ³	0.10235		\$0.11886			
G-PPP Noncore Customers						
Backbone/Transmission Distribution	\$0.04920 \$0.06270		\$0.05824 \$0.08576	18.37% 36.78%		
Distribution	\$0.06270		\$0.08576	30./8%		
Electric Generation G-EG						
Transportation Charge Backbone Transportation Charge (\$/therm)	0.12772	\$0.13798	0.12161	11.70%	\$0.12197	11.79/
Backbone Transportation Charge (s/therm,	0.13772	30.13798	0.12161	-11.70%	\$0.12187	-11.7%
Distribution/Transmission Charge (\$/Therm	\$0.26212	\$0.26295	\$0.25585	-2.39%	\$0.25668	-2.4%
	0.10225		60 11005			
Greenhouse Gas Compliance Cost ³	0.10235		\$0.11886			
Wholesale G-WSL						
Customer Access Charge (\$/Day) Palo Alto	\$72.81107		\$72.81107	0.00%		
Coalinga	\$21.83737		\$21.83737	0.00%		
West Coast Gas-Mather	\$11.59266		\$11.59266	0.00%		
West Coast Gas - Castle	\$12.68515		\$12.68515	0.00%		
Island Energy Alpine Natural Gas	\$14.79584 \$4.93742		\$14.79584 \$4.93742	0.00%		
			- · · · · · · · · ·	******		
Transportation Charge (\$/Therm) Palo Alto	\$0.25828	\$0.15682	\$0.25127	-2.71%	\$0.13329	-15.0%
Coalinga	\$0.25828	\$0.15082	\$0.25127 \$0.25127	-2.71%	\$0.13529	-14.7%
West Coast Gas - Mather (Transmission	\$0.25828	\$0.16069	\$0.25127	-2.71%	\$0.13716	-14.6%
West Coast Gas - Mather (Distribution	\$0.79853	\$0.70094	\$0.78618	-1.55%	\$0.67207	-4.1%
West Coast Gas - Castle (Distribution	\$0.57249 \$0.25828	\$0.47761 \$0.16831	\$0.56237 \$0.25127	-1.77% -2.71%	\$0.45098 \$0.14478	-5.6% -14.0%
Island Energy Alpine Natural Ga:	\$0.25828	\$0.15937	\$0.25127	-2.71%	\$0.13585	-14.8%
Greenhouse Gas Compliance Cost ^{3/}	0.10235		\$0.11886			
Natural Gas Vehicle - Uncompressed (G-NGV4)						
Customer Access Charge (\$/Day)	00			0		
0 to 5,000 therms 5,001 to 10,000 therms	\$0.94553 \$2.81688		\$0.94553 \$2.81688	0.0%		
10,001 to 50,000 therms	\$5.24318		\$5.24318	0.0%		
50,001 to 200,000 therms	\$6.88110		\$6.88110	0.0%		
200,001 to 1,000,000 therms 1,000,001 therms and above	\$9.98367 \$84.68745		\$9.98367 \$84.68745	0.0%		
1,000,001 therms and above	304.00743		304.00743	0.078		
Transportation Charge (\$/Therm)						
Transmission	\$0.26750	\$0.26822	\$0.25774	-3.65%	\$0.25846	-3.6%
Distribution (Summer) Tier	\$0.62755	\$0.53746	\$0.60810	-3.10%	\$0.51990	-3.3%
Distribution (Summer) Tier 2	\$0.50636	-	\$0.49076	-3.08%		
Distribution (Summer) Tier 3	\$0.48178		\$0.46707 \$0.44870	-3.05% -3.06%		
Distribution (Summer) Tier 4 Distribution (Summer) Tier 5	\$0.46285 \$0.26750		\$0.44870 \$0.25774	-3.65%		
Distribution (Winter) Tier 1 Distribution (Winter) Tier 2	\$0.74435		\$0.72118	-3.11%		
Distribution (Winter) Tier 2 Distribution (Winter) Tier 3	\$0.58076 \$0.54758		\$0.56278 \$0.53080	-3.10% -3.06%		
Distribution (Winter) Tier 4	\$0.52202		\$0.50600	-3.07%		
Distribution (Winter) Tier 5	\$0.26750		\$0.25774	-3.65%		
Greenhouse Gas Compliance Cost ^{3/}	0.10235		\$0.11886			
·						
Liquefied Natrual Gas (G-LNG)	\$0.40464		\$0.39488	-2.41%		
G-PPP Natural Gas Vehicle/Liquid Natural Gas	\$0.04380		\$0.04866	11.10%		
Note:						

Notes:

1) Rates are based on 1/1/2023 - Advice Letter 4693-G for noncore tariffs and Advice Letter 4692-G for core tariffs.

2) Rates are based on 8/1/2022 - Advice Letter 4639-G for noncore tariffs and Advice Letter 4638-G for core tariffs.

PACIFIC GAS AND ELECTRIC COMPANY ATTACHMENT C

SERVICE OF NOTICE OF APPLICATION

In accordance with Rule 3.2(b), Applicant will mail a notice to the following, stating in general terms its proposed change in rates.

State of California

To the Attorney General and the Department of General Services.

State of California Office of Attorney General 1300 I St Ste 1101 Sacramento, CA 95814

and

Department of General Services Office of Buildings & Grounds 505 Van Ness Avenue, Room 2012 San Francisco, CA 94102

Counties

To the County Counsel or District Attorney and the County Clerk in the following

counties:

Alameda Mariposa Alpine Mendocino Amador Merced Butte Modoc Calaveras Monterey Colusa Napa Contra Costa Nevada El Dorado Placer Plumas Fresno Glenn Sacramento Humboldt San Benito Kern San Bernardino Kings San Francisco Lake San Joaquin San Luis Obispo Lassen San Mateo Madera Santa Barbara Marin

Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma Stanislaus Sutter Tehama Trinity Tulare Tuolumne Yolo Yuba

Municipal Corporations

To the City Attorney and the City Clerk of the following municipal corporations:

Alameda Colusa Hanford Hayward Albany Concord **Amador City** Healdsburg Corcoran American Canyon Corning Hercules Corte Madera Hillsborough Anderson Cotati Hollister Angels Camp Antioch Cupertino Hughson Arcata Daly City Huron Arroyo Grande Danville Ione **Davis** Arvin Isleton Atascadero Del Rey Oakes Jackson Atherton Dinuba Kerman King City Atwater Dixon Dos Palos Kingsburg Auburn Avenal Dublin Lafayette Bakersfield East Palo Alto Lakeport **Barstow** El Cerrito Larkspur Belmont Elk Grove Lathrop Belvedere Emeryville Lemoore Benicia Escalon Lincoln Berkeley Eureka Live Oak **Biggs** Fairfax Livermore Blue Lake Fairfield Livingston Lodi **Brentwood** Ferndale Firebaugh Lompoc Brisbane Buellton Folsom Loomis Burlingame Fort Bragg Los Altos Calistoga Los Altos Hills Fortuna Campbell Foster City Los Banos Capitola Fowler Los Gatos Carmel Fremont Madera Ceres Fresno Manteca Chico Galt Maricopa Chowchilla Marina Gilroy Citrus Heights Gonzales Mariposa Clayton Grass Valley Martinez Marysville Clearlake Greenfield Cloverdale Gridley McFarland Clovis Grover Beach Mendota Coalinga Guadalupe Menlo Park Colfax Gustine Merced Colma Half Moon Bay Mill Valley

Millbrae Ridgecrest Sunnyvale
Milpitas Rio Dell Sutter Creek

Modesto Rio Vista Taft Monte Sereno Ripon Tehama Riverbank Tiburon Monterey Rocklin Moraga Tracy Morgan Hill Rohnert Park Trinidad Morro Bay Roseville Turlock Mountain View Ukiah Ross Napa **Union City** Sacramento Newark Saint Helena Vacaville

Nevada City
Newman
Salinas
Vacavine
Nalina
Nalina
San Anselmo
Vacavine
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OakdaleSan CarlosWascoOaklandSan FranciscoWaterfordOakleySan JoaquinWatsonvilleOrange CoveSan JoseWest Sacramento

San Juan Bautista Orinda Wheatland Orland San Leandro Williams Oroville San Luis Obispo Willits Pacific Grove San Mateo Willows **Pacifica** San Pablo Windsor Palo Alto San Rafael Winters Paradise Woodland San Ramon Parlier Sand City Woodside Yountville

Sonoma

Sonora

Paso Robles Sanger Santa Clara Patterson Petaluma Santa Cruz Piedmont Santa Maria Pinole Santa Rosa Pismo Beach Saratoga Pittsburg Sausalito Scotts Valley Placerville Pleasant Hill Seaside Pleasanton Sebastopol Plymouth Selma Point Arena Shafter Portola Shasta Lake Portola Valley Soledad Rancho Cordova Solvang

Redwood City South San Francisco

Reedley Stockton Richmond Suisun City

Red Bluff

Redding

Yuba City